IMPERIAL MYCOLOGICAL
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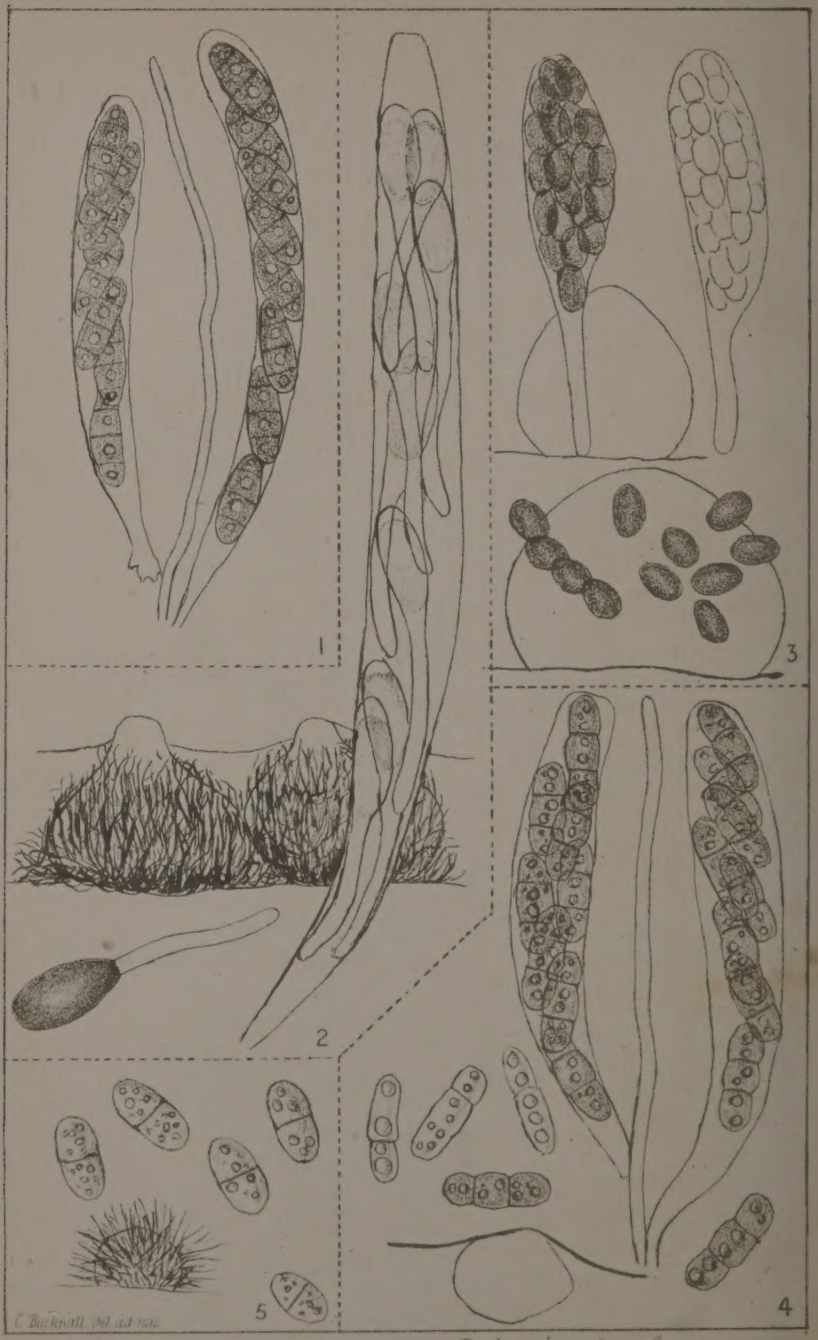
INSTITUTE

IX



1. *Pseudovalsa fusca*, Bucknall.
2. *Sordaria spargunicola, var velata*, Bucknall.
3. ~~*Sporonema sordaria*, Bucknall~~ *Perisporium vulgare*.
4. *Leptosphaeria Michotii*, West.
5. *Chaetodiplodia caulina*, Karst.

[*Reprinted from the Bristol Naturalists' Society's Proceedings, Vol. V., Part I.*, 1885–1886.]

The Fungi of the Bristol District.

PART IX.

By CEDRIC BUCKNALL, Mus. Bac.,

Corresponding Member of the Cryptogamic Society of Scotland.

1198. Pseudovalsa fusca, *Bucknall.* Plate V., fig. 1.*

Pustules small, numerous, erumpent. Perithecia globose, fibrillose, immersed in a brownish orbicular stroma; necks elongated, slender, cylindrical, converging; ostiola scattered over the brownish, depressed disc. Asci clavate, shortly stipitate, 65–100 × 10; paraphyses abundant, filiform. Sporidia oblong, 3-septate, brown, 17 × 5.

On twigs of *Acer pseudoplatanus*.

1216. Sordaria sparganicola, *var.* velata, *Bucknall.* Plate V., fig. 2.

Perithecia subcuticular, depressed; ostiola conical, erumpent. Asci 200 × 17. Sporidia, 18–20 × 9–10.

On a dead umbelliferous stem.

Differs from the type in the depressed perithecia, and smaller asci and sporidia, but can scarcely be separated as a distinct species.

1218. ~~Sporormia secedens, *Bucknall.*~~ *Preissiella vulgaris.* Plate V., fig. 3.

Perithecia superficial, ovate, carbonaceous, fragile, ⅛–½ mm: ostiola inconspicuous, not prominent. Asci broadly clavate, stipitate, apex

* The figures in Plates V. to VIII. are all drawn to scale, the asci and sporidia being magnified about 830, and the perithecia 70 diameters.

rounded, 75×17. Sporidia tetramerous, olivaceous-black, breaking up into elliptical segments while still in the asci, 28μ long, segments 7-9×5.

On a decorticated stick.

The sporidia break up into segments so soon that their compound structure can only be discovered by examination in a very young stage. The old and broken perithecia are seen to be tinged with pink inside.

The following, as far as I can discover, have not previously been recorded as British :—

1155. CORTINARIUS (INOLOMA) PENICILLATUS, *Fr. Hym. Eur., p. 365.*

1164. CHÆTODIPLODIA CAULINA, *Karst. Sacc. Syl. III., 2091.* Plate V., fig. 5.

On dead stems of *Chenopodium.*

1168. HENDERSONIA RIPARIA, *Sacc. Syl. III., 2386.* Plate VI., fig. 6.

On *Carex riparia.*

1169. HENDERSONIA PHRAGMITIS, *Desm. Sacc. Syl. III., 2393.* Plate VI., fig. 7.

1171. STAGONOSPORA AQUATICA, *var.* JUNCISEDA, *Sacc. Syl. III. 2470.*

1172. STAGONOSPORA GIGASPORA, *Niessl. Sacc. Syl. III., 2473.* Plate VI., fig. 8.

On *Carex riparia.*

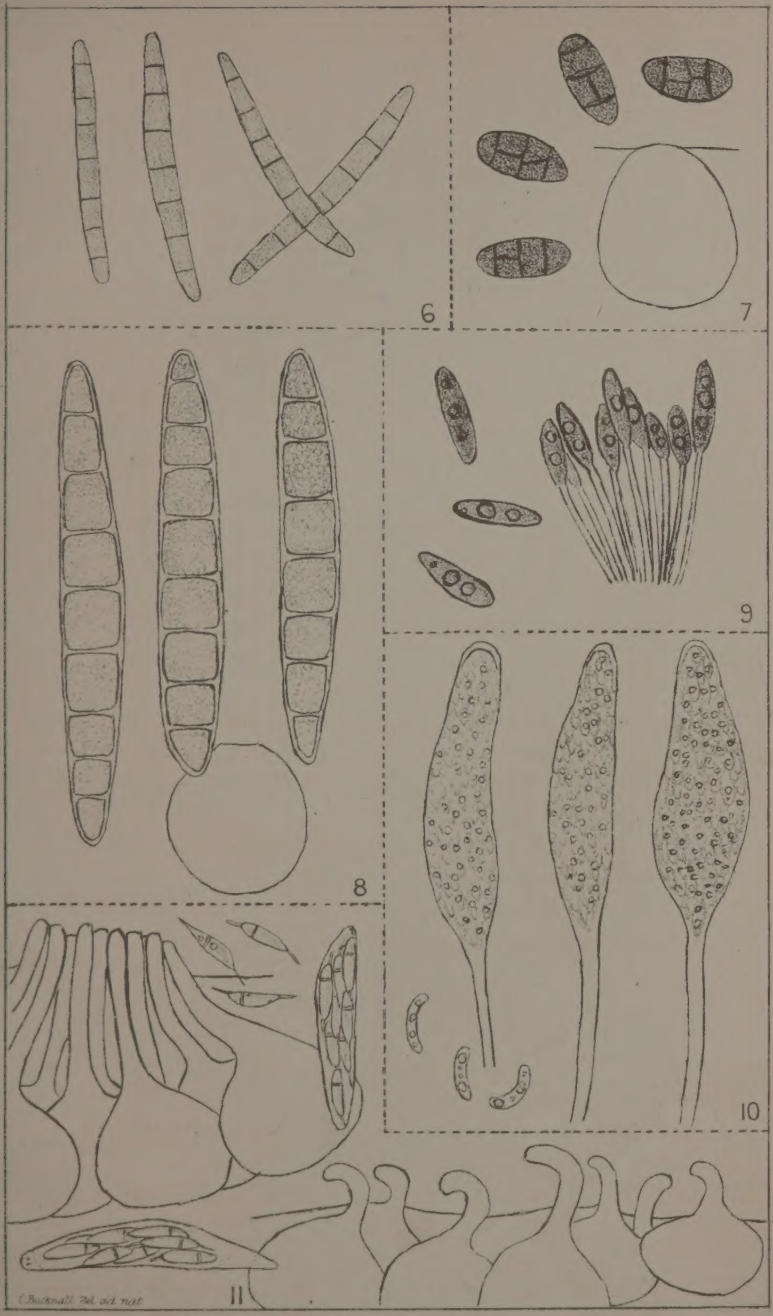
1175. SEPTORIA MEDICAGINIS, *Rob. & Desm. Sacc. Syl. III., 2747.*

1178. MELANCONIUM TYPHÆ, *Peck. Sacc. Syl. III., 3987.* Plate VI., fig. 9.

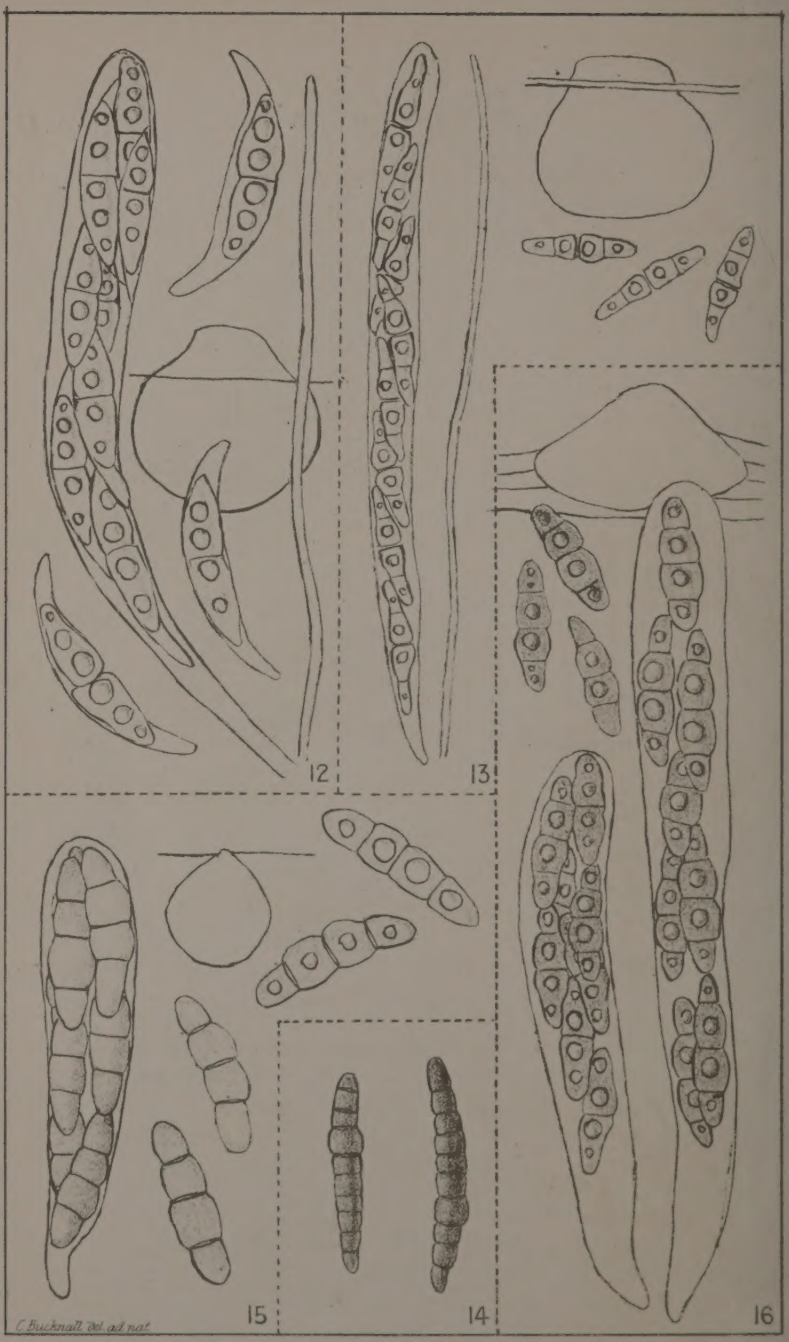
1193. VALSA (CORONOPHORA) GREGARIA, *Lib. Sacc. Syl. I., 413.* Plate VI., fig. 10.

*1197. VALSA (CHOROSTATE) NIDULANS, *Niessl, Sacc. Syl. I., 2428.* Plate VI., fig. 11.

1201. DIAPORTHE (TETRASTAGA) REVELLENS, *Nke. Sacc. Syl. I., 2575.*



6. *Hendersonia riparia, Sacc.*
7. *Hendersonia Phragmitis, Desm.*
8. *Staganospora gigaspora, Niessl.*
9. *Melanconium Typhae, Peck.*
10. *Valsa gregaria, Tul.*
11. *Valsa nidulans, Niessl.*



12. *Lophiostoma pulveracea, Sacc.* 14. *Leptosphaeria nectrioides, Speg.*
13. *Lophiostoma vagabundum; Sacc.* 15. *Leptosphaeria microscopica, Karst.*
16. *Leptosphaeria vagabunda; Sacc.*

1202. Diaporthe (Tetrastaga) Beckhausii, *Nke. Sacc. Syl. I., 2592.*

1203. Diaporthe (Tetrastaga) circumscripta, *Otth. Sacc. Syl. I., 2593.*

1208. Lophiostoma (Lophiosphæra) pulveracea, *Sacc. Syl. II., 5414.* Plate VII., fig. 12.

1209. Lophiostoma (Lophiotrema) vagabundum, *Sacc. Syl. II., 5435.* Plate VII., fig. 13.

1222. Leptosphæria nectrioides, *Speg. Sacc. Syl. II., 3016.* Plate VII., fig. 14.

1223. Leptosphæria Microscopia, *Karst. Sacc. Syl. II., 3069.* Plate VII., fig. 15.

1224. Leptosphæria vagabunda, *Sacc. Syl. II., 2963.* Plate VII., fig. 16.

1227. Ceriospora xantha, *Sacc. Syl. II., 3520.* Plate VIII. fig. 17.

1230. Pleospora vagans, *Niessl. Sacc. Syl. II., 3804.* Plate VIII., fig. 18.

1235. Sphærella Tassiana, *De Not. Sacc. Syl. I., 2058.* Plate VIII., fig. 19.

On *Typha latifolia.*

1145. Agaricus (Lepiota) excoriatus, *Schaeff.* } Sea Mills, Oct., 1885.

*Agaricus (Tricholoma) argyraceus, *var.* virescens, *Cooke, Illus., pl. 641.* } Leigh Woods.

This well-marked variety occurs abundantly every year in the Leigh Woods. It was recorded at No. *696 as *Agaricus terreus, var. argyraceus.*

1146. Agaricus (Clitocybe) nebularis, *Fr.* } Blaise Castle Woods, Oct., 1885.

1147. Agaricus (Clitocybe) opacus, *With.* } " " "

1148. Agaricus (Clitocybe) incilis, *Fr.* } Durdham Down, Sept., "

*Agaricus (Clitocybe) geotrupus, *Bull.*	Westridge Wood,	Oct. 1882.

The locality given at vol. ii. pt. iii. p. 342 is incorrect.

1149. Agaricus (Nolanea) pisciodorus. *Ces.*	Kingsweston,	Sept., 1885.
1150. Agaricus (Galera) sparteus *Fr.*	Durdham Downs,	Aug. 1884.
1151. Agaricus (Psalliota) sylvaticus, *Schaeff.*	Kingsweston,	Oct., 1885.
1152. Agaricus (Hypholoma) egenulus, *B. & Br.*	Durdham Downs,	Sept., 1883.
1153. Agaricus (Psathyra) spadiceogriseus, *Schaeff.*	Berwick Wood,	Feb., 1884.
1154. Agaricus (Psathyra) semivestitus, *B. & Br.*	Stapleton,	Oct., 1885.
1155. Cortinarius (Inoloma) penicillatus, *Fr.*	Blaise Castle Woods,	Sept., 1884.
1156. Cortinarius (Dermocybe) ochroleucus, *Fr.*	Leigh Woods,	Oct., 1885.
1157. Continarius (Hydrocybe) saturninus, *Fr.*	" "	" "
1158. Russula consobrina, *Fr.*	Frenchay,	„ 1884,
1159. Cantharellus aurantiacus, *Fr.*	Abbott's Leigh,	Sept., 1885.
1160. Polyporus intybaceus, *Fr.*	Frenchay,	„ 1884.
1161. „ cuticularis, *Fr.*	Stapleton,	Autumn, „
1162. Cyathus vernicosus, *D. C.*	Clifton (Mr. E. Wheeler)	May, 1885.
1163. Diplodia Scheidweileri, *West. Sacc. Syl.* III. 1830; *Cooke, Sphærops Grev.* XIV., p. 61.	Leigh Woods,	April, „
1164. Chætodiplodia caulina, *Karst.*	The Avon, G. Spring,	1886.
1165. Hendersonia sarmentorum, *West.*	Blaise Castle,	Dec., 1885.

On dead twigs of *Berberis vulgaris*.

1166. Hendersonia Rubi, *West.*	Blaise Castle,	May, 1885.

1167. Hendersonia salicina, *Vize.* Glen Frome, Mar., 1885.
1168. „ riparia, *Sacc.* The Avon, Spring, 1880.
1169. „ Phragmitis, *Desm.* „ Summer, 1885.
1170. Stagonospora Typhoidearum, *Desm.* Ham Green, Sept. „
1171. Stagonospora aquatica, *var.* junciseda, *Sacc.* Westbury, April, 1878.
1172. Stagonospora gigaspora, *Niessl.* The Avon, S. Spring, 1880.
1173. Ceuthospora phacidioides, *Grev.* Stapleton, Jan. 1877.
1174. Darluca filum, *Cast.* Berwick Wood, Mar. 1878.
1175. Septoria Medicaginis, *Rob. & Desm.* Leigh Woods, July, „
1176. Septoria primulæ, *Buckn., Grev.* XIV., p. 40. Berwick Wood, Mar., 1885.
1177. Septoria atriplicis, *West.* The Avon, July, 1883.
1178. Melanconium Typhæ, *Peck.* Mangotsfield, April, 1886·
1179. Torula abbreviata, *var.* sphæriformis, *B. & Br.* The Avon, S. Dec. 1884.
1180. Tetraploa aristata *B. & Br.* Ham Green, Jan., 1886.
1181. Puccinia tripolii, *Wallr.* Sea Mills, Sept., 1885.
1182. Fusarium equiseti, *Desm.* Leigh Woods, June, 1882.
1183. Peziza venosa, *var.* ancilis, *Rehm.* Blaise Castle, May, 1885.
1184. Peziza furfuracea, *Fr.* Ham Green, Sept., „
1185. Patellaria connivens, *Fr.* Leigh Woods, Feb., 1886.

On dead stems of *Rubus Idæus*. Asci 125 × 17; sporidia, 32 × 7.

1186. Hysterium repandum, *Blox.* Leigh Woods, — 1883.
1187. Trochila laurocerasi, *Fr.* „ — 1885.
*Hypospila viburni, *Bucknall, No. 1080 ante*, Plate VIII., fig. 20.
1188. Hypoxylon cohærens, *Fr.* Blaise Castle, Dec. „

1189. Diatrype brassicæ, *Cke.*, *Grev. XIII., p. 100.* — Clifton, June, 1885.

1190. Diatrype berberidis, *Cke.* *Grev. XIV., p. 14.* — Blaise Castle, May, 1884.

1191. Eutypa lata, *Pers.* — Stapleton, Spring, 1880.

1192. „ leioplaca, *Fr.* — Leigh Woods, May, „

1193. Valsa (Coronophora) gregaria, *Lib.* — Brentry, June, 1885.

1194. Valsa (Leucostoma) nivea, *Hoffm.* — Clifton, July, 1879.

1195. Valsa (Cryptosporella) hypodermia, *Fr.* — Blaise Castle, May, 1885.

1196. Valsa (Cryptospora) suffusa, *Fr.* — Ham Green, Sept., „

1197. Valsa (Chorostate) hippocastani, *Cooke. Grev., XIII., p. 98.* — Stoke, April, 1886.

* Valsa (Chorostate) nidulans, *Niessl.* — Leigh Down, „ 1883.

On dead stems of *Rubus Idæus*. Referred to *Sphæria rostellata Fr.* at No. 1083.

1198. Pseudovalsa fusca, *Bucknall.* — Leigh Woods, — 1881.

1199. Fenestella princeps, *Tul.* *Valsa fenestrata, B. & Br.* — Durdham Downs, Sept., 1885.

1200. Diaporthe (Tetrastaga) inæqualis, *Curr.* — Hanham, Nov., „

1201. Diaporthe (Tetrastaga) revellens, *Nke.* — Leigh Woods, June, „

1202. Diaporthe (Tetrastaga) Beckhausii, *Nke.* — Ashton, July, „

1203. Diaporthe (Tetrastaga) circumscripta, *Otth.* — Blaise Castle Woods, April, 1883.

1204. Cucurbitaria cupularis, *Fr.* — Near Coombe Dingle, Dec., 1885.

1205. Massaria fœdans, *Fr.* — Blaise Castle, May, „

1206. Massaria inquinans, *Tode.* Leigh Woods, Mar. 1880.

On *Viburnum lantana.*

1207. Massaria Currei, *Tul.* Blaise Castle, May, 1885.

1208. Lophiostoma (Lophiosphæra) pulveracea, *Sacc.* Pill, Jan., 1886.

*Lophiostoma (Lophiotrema) nucula, *Fr.* Sandy Lane, May, 1878.

1209. Lophiostoma (Lophiotrema) vagabundum, *Sacc.* The Avon, Summer, 1885.

On dead stems of *Spiræa ulmaria.*

1210. Lophiostoma fibritectum, *Berk.* Black Rock Quarry, July, 1885.

1211. Lophiostoma caulium, *Fr.* Black Rock Quarry, May, „

1212. „ arundinis, *De Not.* Ashton, Dec., „

1213. Lophiostoma (Lophidium), compressum, *Pers.* Cheddar, July, 1881

1214. Psilosphæria pulviscula, *Curr.* „ „

1215. Psilosphæria obducens, *Fr.* Leigh Road, Spring, 1880.

1216. Sordaria sparganicola, *var.* velata, *Bucknall.* The Avon, S., June, 1885.

1217. Sordaria lanuginosa, *Pr.* „ G., Sept., „

1218. ~~Sporormia secedens, *Bucknall.*~~ Black Rock Quarry. May, „

1219. Melanomma fuscidulum *Sacc.* Leigh Woods, Feb. 1878.

*Ohleria obducens, *Winter.* „ „ „ 1877.

Named incorrectly as *Sphæria pomiformis* at vol. II. pt. ii. p. 349.

*Anthostoma italicum *Sacc.* The Avon, S. June, 1885.

On dead stems of *Eupatorium cannabinum.*

1220. Didymosphæria conoidea, *Niessl., Grev., XIV., p. 41.* — Leigh Woods, June, 1882.

1221. Zignoella scriata, *Curr.* — Stapleton, July, 1879.

*Didymella sæpincoliformis, *De Not. No. 1142 ante.*, Plate VIII., fig. 21.

*Leptosphæria Michotii, *West.* Plate V., fig. 4. — Blaise Castle, May, 1885.

On twigs of *Berberis vulgaris.*

The occurrence of this species on a dicotyledonous shrub is interesting, it having been previously recorded only on herbaceous monocotyledons, Saccardo giving Juncus, Andropogon, Scirpus, etc., as its hosts.

It is also instructive as showing that too much reliance must not be placed on the habitat of fungi in the determination of species, when the same plant may be found on members of such distantly related natural orders as *Berberideæ* and *Gramineæ*. Another species which Saccardo places amongst those growing on monocotyledons is *Pleospora rubicunda Niessl.*, and this I have lately met with on a *Chenopodium.*

1222. Leptosphæria nectrioides, *Speg.* — Leigh Wood, May, 1885.

On *Clematis vitalba.*

1223. Leptosphæria microscopica, *Karst.* — Black Rock Quarry, Jan., 1886

1224. Leptosphæria vagabunda, *Sacc.* — Leigh Woods, Feb., „

1225. Leptosphæria arundinacea *var.* Godini, *Desm.* — St. Philip's Marsh, July, 1882.

*Metasphæria corticola, *Sacc. & Speg. No. 1143 ante*, Plate VIII., fig. 22.

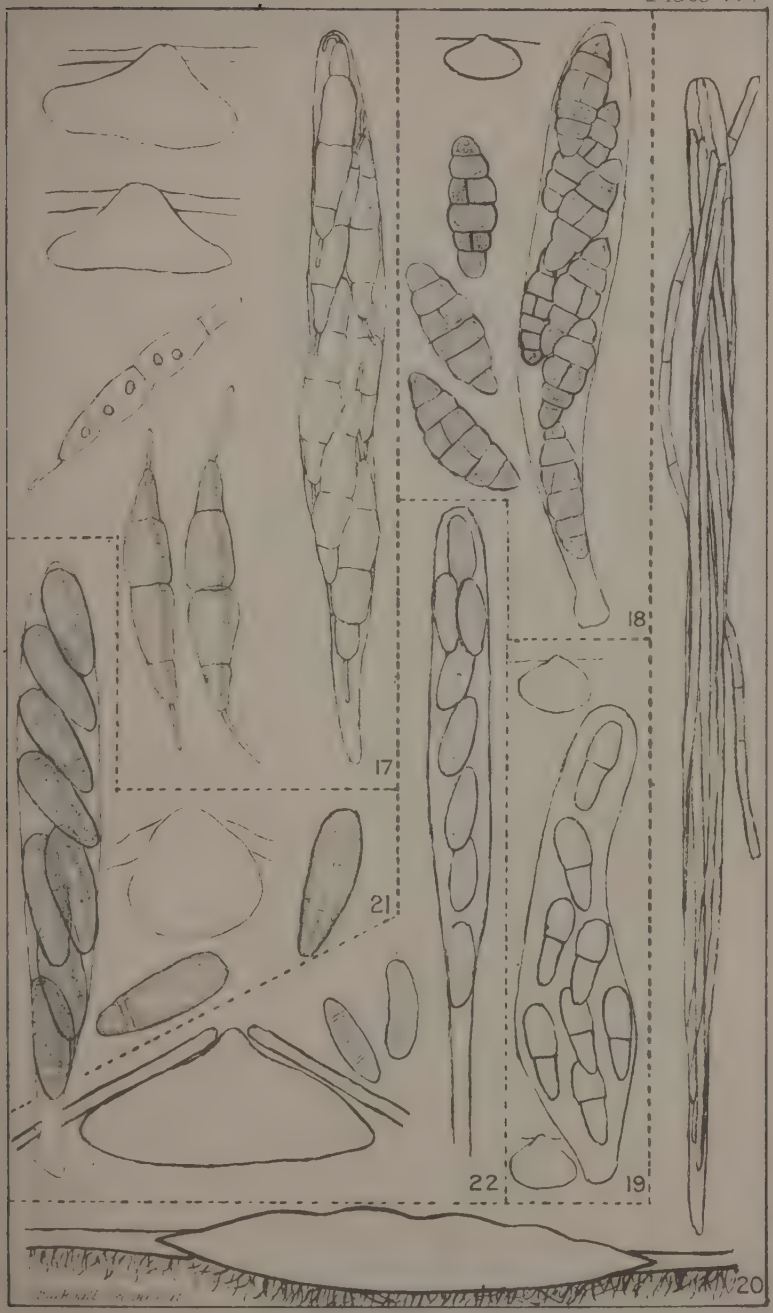
1226. Sphærulina intermixta, *B. & Br., var. Corni.*

1227. Ceriospora xantha, *Sacc.* — The Avon, Jan., 1886.

1228. Pleospora vulgaris, *Niessl.* — Blaise Castle, May, 1885.

1229. „ rubicunda, *Niessl.* — Aust, June, 1881. The Avon, Feb. 1886.

On *Phragmites* and *Chenopodium.*



17. *Ceriospora xantha*, Sacc.
18. *Pleospora vagans*, [illegible]
19. *Sphaerella Tassiana*, De Not.
20. *Hypospila viburni*, Bucknall.
21. *Didymella saepincoliformis*, De Not.
22. *Metasphaeria corticola*, Sacc. & Speg.

1230. Pleospora vagans, *Niessl.*	Black Rock Quarry,	Spring,	1886.
1231. Ophiobolus urticæ, *Rabh.*	Blaise Castle,	May,	1885.
1232. „ vulgaris, *Sacc.*	The Avon,	June,	„
1233. Sphærella punctiformis, *Pers.*	Brockley Combe,	May,	1879.
1234. Sphærella fagi, *Auersw.*	Brockley Combe,	„	„
1235. Sphærella Tassiana, *De Not.*	Ham Green,	Feb.,	1886.
1236. Sphærella juncina, *Auersw.*	Westbury,	July,	1878.
1237. Venturia ditricha, *Fr.*	Durdham Downs,	Mar.,	1879.
* „ inæqualis, *Cke.*	Leigh Woods,	Mar.,	1886.
1238. Pyrenophora phæcomoides, *Sacc.*	Black Rock Quarry,	July,	1885.

On *Tanacetum vulgare.*

1239. Pyrenophora calvescens, *Fr.*	The Avon,	Feb.,	1886.
1240. Anixia perichœnoides, *Cooke.*	Cotham,	Mar.,	1880.

With *Peziza misturæ* on a composition spread on apple trees (A. Leipner, Esq.).